

001

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator
EOG RESOURCES, INC.

3a. Address **P.O. BOX 1815
VERNAL, UT 84078**

3b. Phone No. (Include area code)
(435)789-0790

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface **1990' FSL, 2014' FEL**
At proposed prod. Zone

4438808 Y NW/SE 40.09245
623 111 Y -109.55585

5. Lease Serial No.

U-0803

6. If Indian, Allottee or Tribe Name

UTE INDIAN TRIBE

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.

NORTH DUCK CREEK 247-28

9. API Well No.

43-047-35477

10. Field and Pool, or Exploratory

NATURAL BUTTES

11. Sec., T., R., M., or Blk. and Survey or Area

**SEC. 28, T8S, R21E,
S.L.B.&M.**

14. Distance in miles and direction from nearest town or post office*

7.65 MILES SOUTHEAST OF OURAY, UTAH

12. County or Parish

UINTAH

13. State

UTAH

15. Distance from proposed*

location to nearest **1990'**
property or lease line, ft.
(Also to nearest drig. Unit line, if any)

16. No. of Acres in lease

1280

17. Spacing Unit dedicated to this well

18. Distance from proposed location*

to nearest well, drilling, completed,
applied for, on this lease, ft. See Topo Map C

19. Proposed Depth

7550'

20. BLM/BIA Bond No. on file

NM-2308

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

4757.3 FEET GRADED GROUND

22. Approximate date work will start*

UPON APPROVAL

23. Estimated duration

45 DAYS

24. Attachments

Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Ed Trotter

Name (Printed/Typed)

Ed Trotter

Date

2-2-2004

Title

Agent

Approved by (Signature)

Bradley G. Hill

**Federal Approval of this
Action is Necessary**

Name (Printed/Typed)

**BRADLEY G. HILL
ENVIRONMENTAL SCIENTIST III**

Date

02-12-04

Title

Office

**RECEIVED
FEB 09 2004
DIV. OF OIL, GAS & MINING**

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of Approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

T8S, R21E, S.L.B.&M.

EOG RESOURCES, INC.

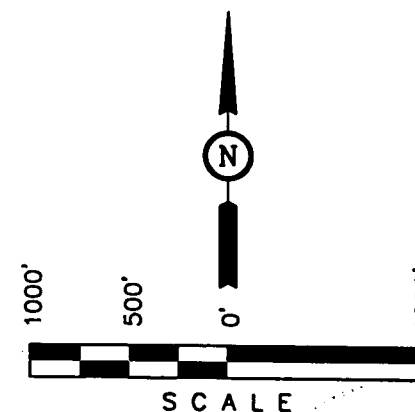
Well location, NORTH DUCK CREEK #247-28,
located as shown in the NW 1/4 SE 1/4 of
Section 28, T8S, R21E, S.L.B.&M. Uintah County,
Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35,
T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE,
UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP)
PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE
INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS
BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

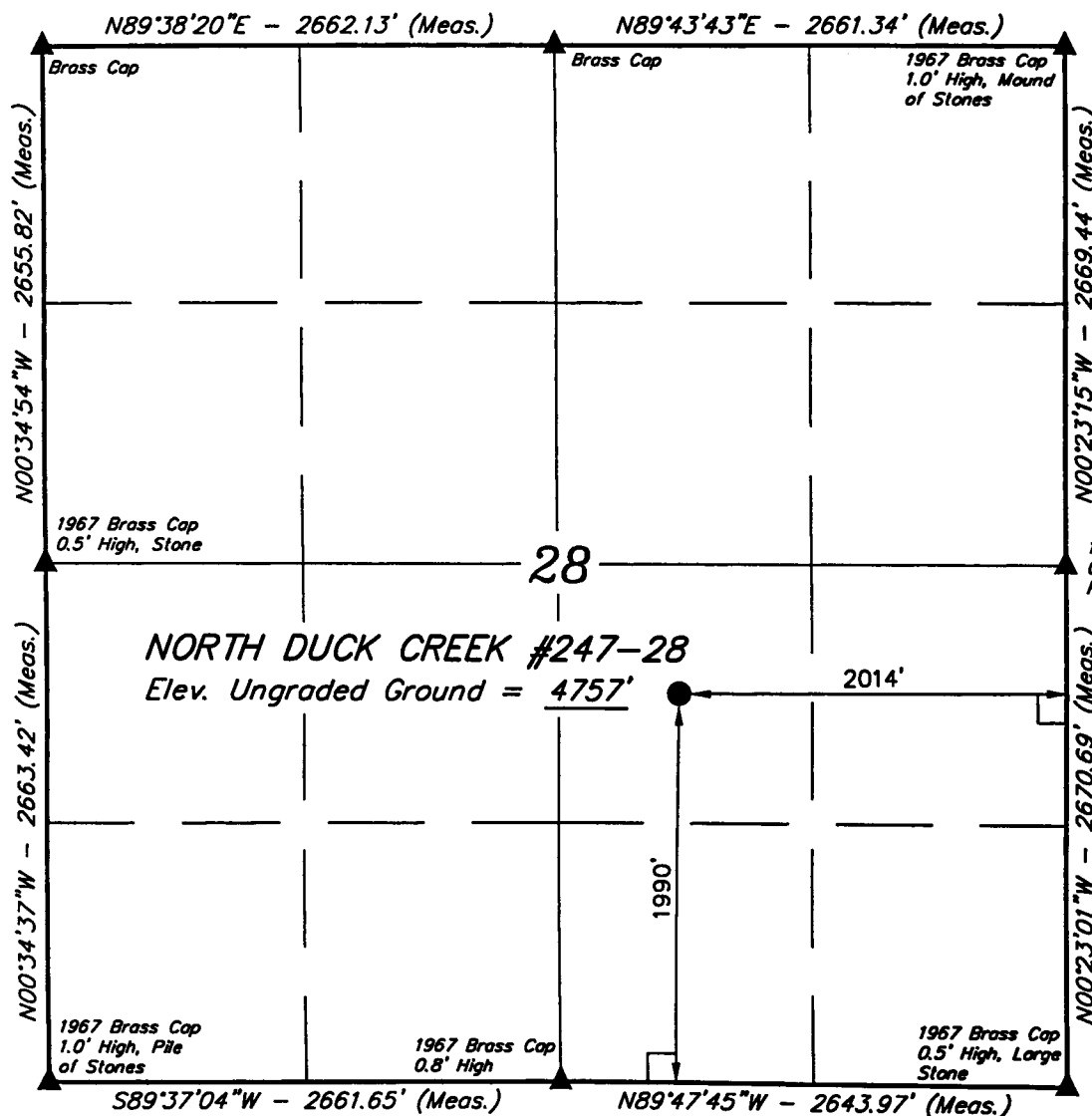


CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert J. King

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 27)
 LATITUDE = 40°05'32.52" (40.092367)
 LONGITUDE = 109°33'21.18" (109.555883)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 09-16-03	DATE DRAWN: 09-24-03
PARTY G.S. M.B. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EOG RESOURCES, INC.	

EOG Resources, Inc.
P.O. 1910
Vernal, UT 84078

February 2, 2004

Utah Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL
NORTH DUCK CREEK 247-28
NW/SE, SEC. 28, T8S, R21E
UINTAH COUNTY, UTAH
LEASE NO.: U-0803
UTE INDIAN TRIBAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone: (435)789-4120
Fax: (435)789-1420

Sincerely,



Ed Trotter
Agent
EOG Resources, Inc.

RECEIVED
FEB 09 2004
DIV. OF OIL, GAS & MINING

Attachments

EIGHT POINT PLAN

NORTH DUCK CREEK 247-28 NW/SE, SEC. 28, T8S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	2,320'
"M" Marker	5,458'
Wasatch	5,795'
Chapita Wells	6,435'
Buck Canyon	7,130'

EST. TD: 7550

Anticipated BHP 3300 PSI

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>RATING FACTOR</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
17 1/2"	0' - 220' +/-KB	220' +/-	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
7 7/8"	220' - TD +/-KB	7550' +/-	4 1/2"	11.6 #	J-55	STC	4960 PSI	5350 PSI	184,000#

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0-220' Below GL):

Guide Shoe

Insert Baffle

Wooden wiper plug

Centralizers: 1 - 5-10' above shoe, every collar for next 3 joints (4 total).

Production Hole Procedure (220'-TD):

Texas-Pattern shoe, short casing shoe joint ($\pm 20'$), Float Collar, and balance of casing to surface. Run short casing joint ($< 38'$) at $\pm 4,800'$ (**1,000' above projected top of Wasatch**). Centralize 5' above shoe on joint #1, top of joint #2, then every 4th joint to $\pm 5,400'$ (**400' above Wasatch top - 15 total**). Thread lock shoe, top and bottom of FC, and top of 2nd joint.

6. MUD PROGRAM:

Surface Hole Procedure (0-220' below GL):

Air - Air Water Mist

EIGHT POINT PLAN

NORTH DUCK CREEK 247-28 NW/SE, SEC. 28, T8S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

MUD PROGRAM (Continued):

Production Hole Procedure (220'-TD):

200' - 1,700': Water (circulate through reserve pit). Anco-Drill sweeps for hole cleaning, Paper sweeps to seal off loss zones. Add LIME to reserve pit to keep clear.

1,700' - 4,900': Continue as above as far as possible. Should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Try to control any fluid losses if drilling on clear fluid with paper LCM. Add LIME and Gyp if needed to control alkalinities.

4,900' - TD: Continue sweeping hole with Anco-Drill for hole cleaning. Again, should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Increase Anco-Drill sweep frequency as you near TD in preparation to logging and running casing. Be alert at all times while drilling the Wasatch on water for any signs of hole sloughing (i.e. tight connections, fill, etc.). Should sloughing be detected, immediately mud up the hole. If mud-up becomes necessary to log, run casing, for hole sloughing or to control water and gas flows, mix Gel, Anco-Drill and Aqua-Pac if chloride content of mud will allow or SALT GEL and STARCH if chloride content is high. When mudding up, add 6% LCM (mixture of Cedar Fiber, Paper, Cottonseed Hulls and Sawdust) to control losses.

7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

8. EVALUATION PROGRAM:

Logs: RST (Reservoir Saturation Tool) Cased logs TD to Surface

EIGHT POINT PLAN

NORTH DUCK CREEK 247-28 NW/SE, SEC. 28, T8S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (0-220' Below GL)

Lead: 225 sks. (100% excess volume) Class 'G' cement with 2% S1 (CaCl₂) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³/sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl₂) in mix water, 15.8 ppg, 1.16 ft³/sk., 4.95 gps via 1" tubing set at 25' if needed.

Production Hole Procedure (220' to TD)

Lead: 100 sks: 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.15% D13 (Retarder), 0.25 pps D29 (cello flakes), mixed at 13.0 ppg, 1.73 ft³/sk., 9.06 gps water

Tail: 250 sks: 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³/sk., 5.9 gps water.

10. ABNORMAL CONDITIONS:

PRODUCTION HOLE (220'-TD)

Potential Problems: Lost circulation, asphaltic, black oil and large Trona water flows may be encountered in the Green River, beginning at $\pm 2,320'$. Other wells in the general area of the NDC 247-28 (all drilled with air/mist or aerated water) reported problems with sloughing formation in the Wasatch while attempting to mud up for logs or to run casing

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

**CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL**

Company/Operator:	<u>EOG Resources, Inc.</u>
Well Name & Number:	<u>North Duck Creek 247-28</u>
Lease Number:	<u>U-0803</u>
Location:	<u>1990' FSL & 2014' FEL, NW/SE, Sec. 28, T8S, R21E, S.L.B.&M., Uintah County</u>
Surface Ownership:	<u>Ute Indian Tribe</u>

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to spudding the well.

Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production Notice - within five (5) business days after new Well begins or production resumes after Well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 7.65 miles southeast of Ouray, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.1 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of

drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. **LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

A. Abandoned wells - 2*

B. Producing wells - 21*

(*See attached TOPO map "C" for location)

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

A. **ON WELL PAD**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house, and attached piping.
2. Gas gathering lines - A 3" gathering line will be buried from dehy to the edge of the location.

B. **OFF WELL PAD**

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. A 3" OD steel above ground natural gas pipeline will be laid approximately 1975' from proposed location to a point in the NE/SE of Section 28, T8S, R21E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses BIA administered lands, thus a Right-of-Way grant will be required.
3. Proposed pipeline will be a 3" OD steel, welded line laid on the surface.
4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the West side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities required will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a construction in the unit or other lease or unit boundary change), the BIA will process a change in authorization to the appropriate rental or other financial obligation as determined by the authorized officer.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from the Ouray Brine Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Tribal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location

and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

On BIA administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with a plastic liner. A felt liner will also be installed if rock is encountered during pit construction.

8. ANCILLARY FACILITIES

- A. No airstrips or camps are planned for this well.

9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Northwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the North side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored from Corner #2 to #8.

Access to the well pad will be from the East.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BIA or SMA specifications. A cattleguard with an adjacent 16-foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Tribal land, or any fence between Tribal land and private land, the operator will contact the BIA, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 12 months from the date of well completion. Before any dirt work takes place, the reserve pit will be

completely dry and all cans, barrels, pipe, fluid, and hydrocarbons, will be removed.

Contact appropriate surface management agency for required seed mixture.

B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BIA will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access road: Tribal

Location: Tribal

12. OTHER INFORMATION

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used.
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs.

The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds

along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BIA, or the appropriate County Extension Office. On BIA administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Tribal Lands after the conclusion of drilling operations or at any other time without BIA authorization. However, if BIA authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BIA does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

Additional Surface Stipulations

None

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING AGENT

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Telephone: (435)789-4120
Fax: (435)789-1420

DRILLING OPERATIONS

Donald Presenkowski
EOG Resources, Inc.
P.O. Box 250
Big Piney, WY 83113
Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The BIA office shall be notified upon site completion prior to moving on the drilling rig.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that EOG Resources, Inc. is considered to be the operator of the **North Duck Creek 247-28 Well, located in the NW/SE Section 28, T8S, R21E, Uintah County, Utah; Lease #U-0803**; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

2-2-2004
Date

Paul Smith
Agent

EOG RESOURCES, INC.
NORTH DUCK CREEK #247-28
 LOCATED IN UTAH COUNTY, UTAH
 SECTION 28, T8S, R21E, S.L.B.&M.

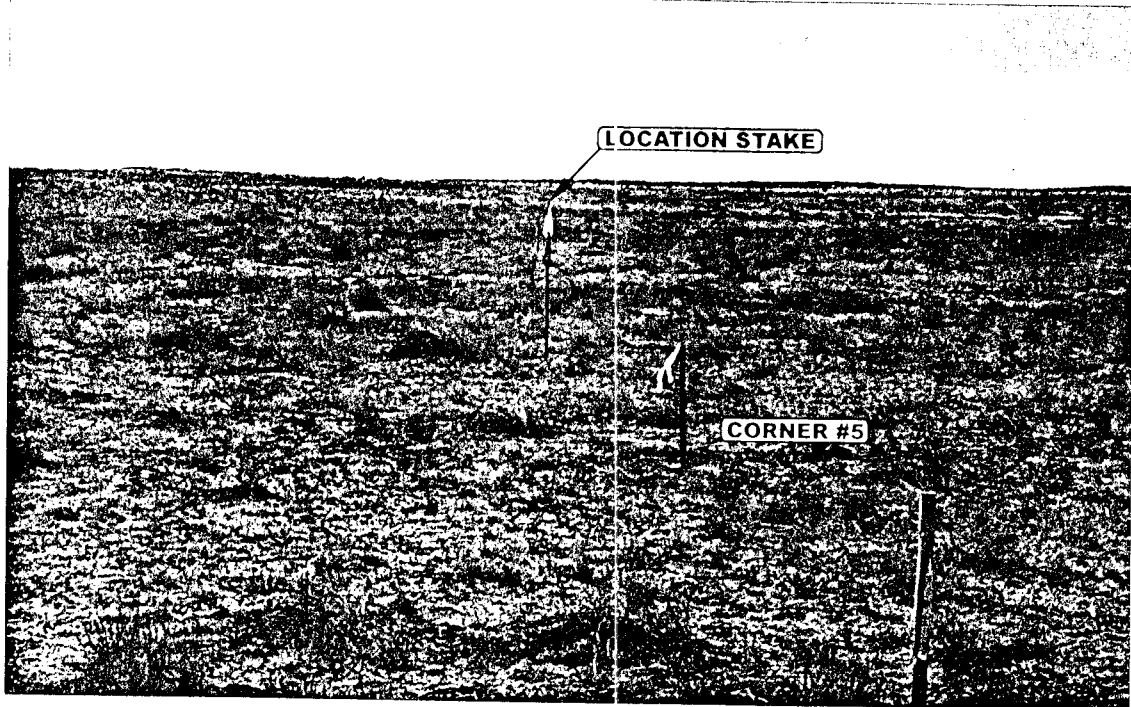


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY

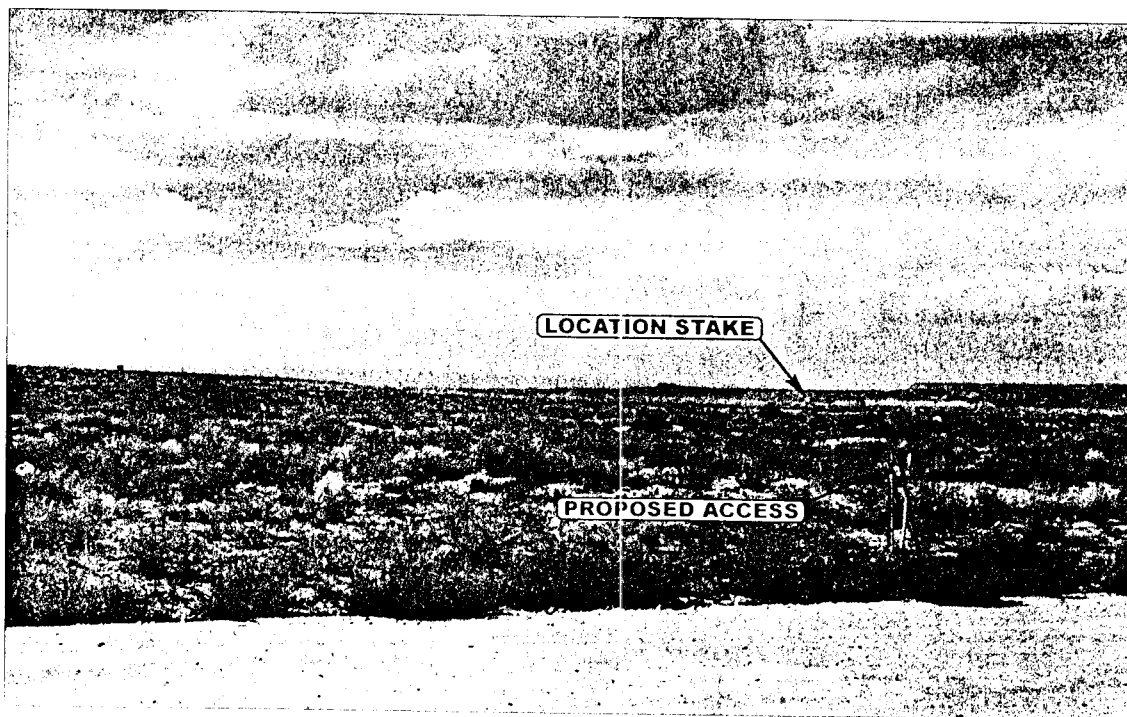


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



UELS Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

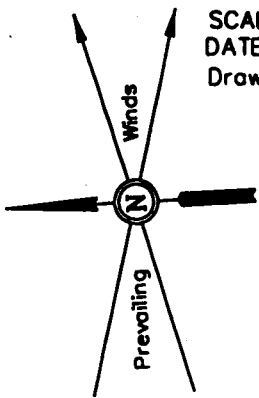
10 08 03
 MONTH DAY YEAR

PHOTO

TAKEN BY: G.S.

DRAWN BY: P.M.

REVISED: 00-00-00

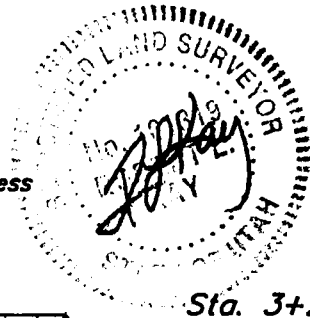


SCALE: 1" = 50'
DATE: 09-24-03
Drawn By: D.COX

EOG RESOURCES, INC.

LOCATION LAYOUT FOR

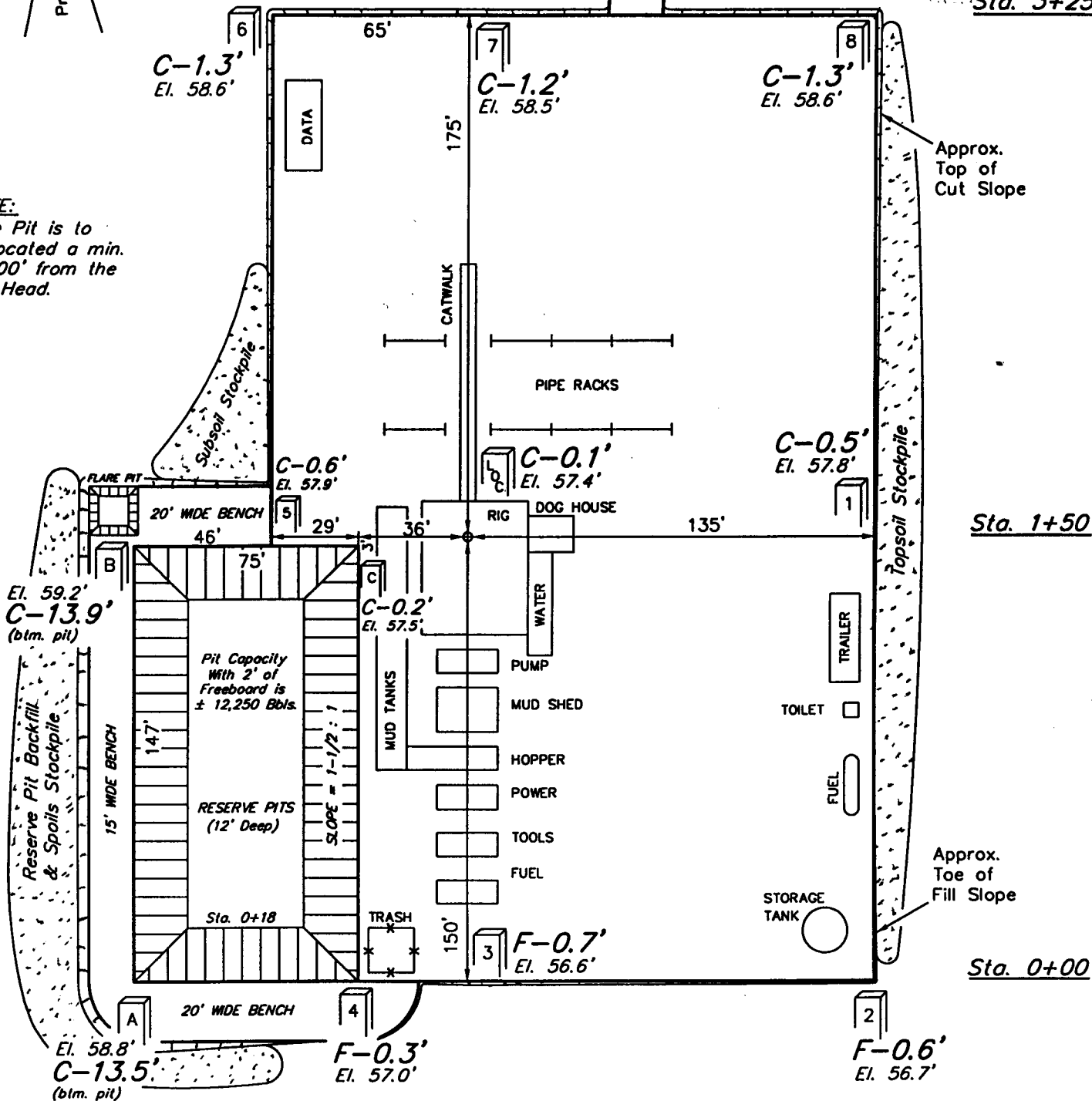
NORTH DUCK CREEK #247-28
SECTION 28, T8S, R21E, S.L.B.&M.
1990' FSL 2014' FEL



Sta. 3+25

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



Elev. Ungraded Ground at Location Stake = 4757.4'
Elev. Graded Ground at Location Stake = 4757.3'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

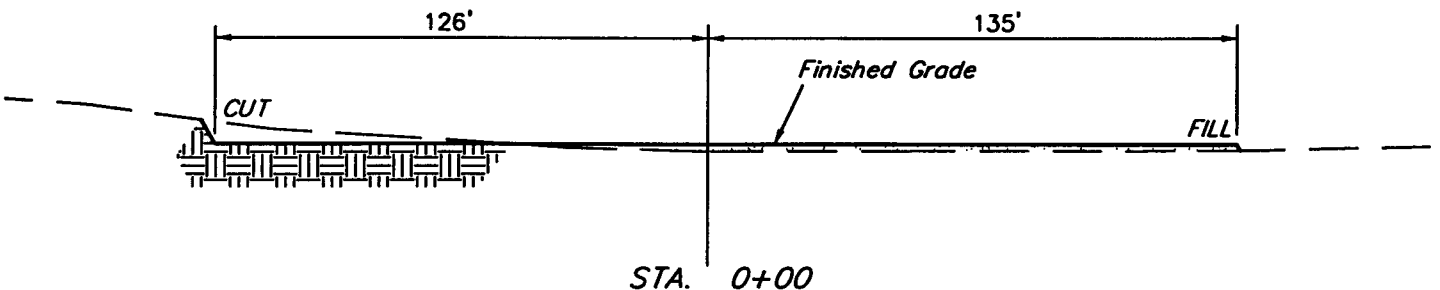
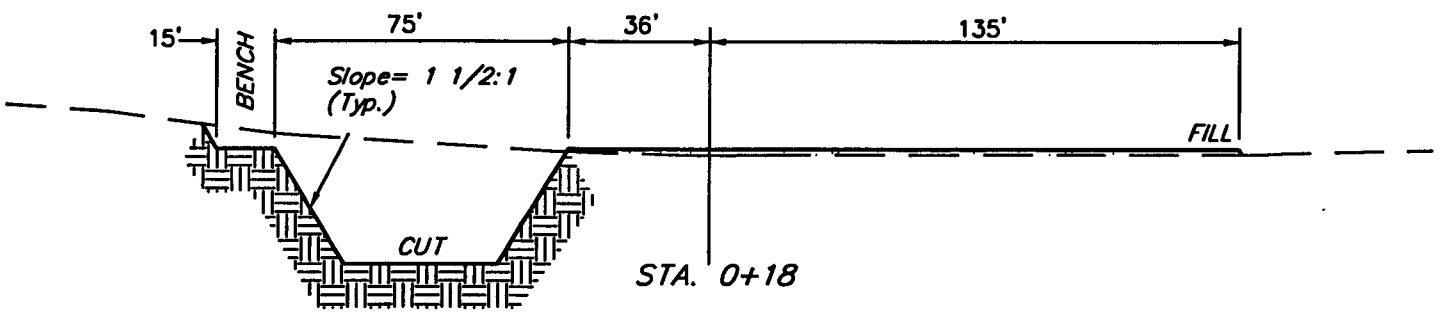
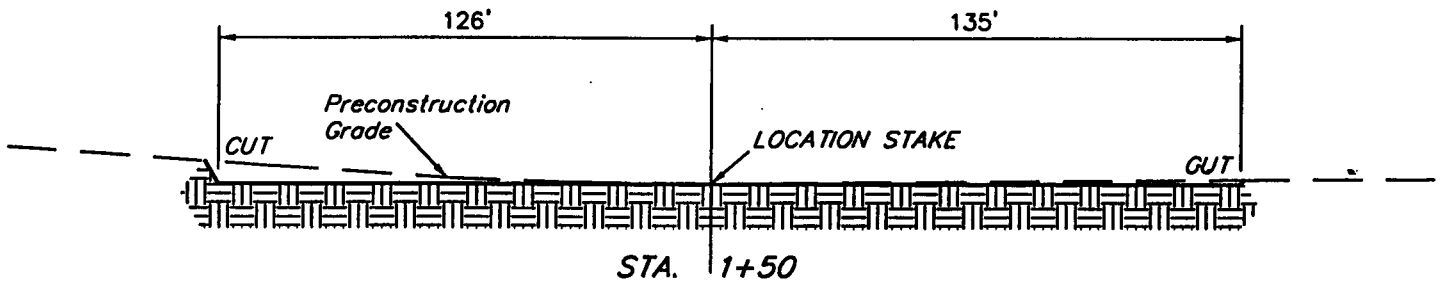
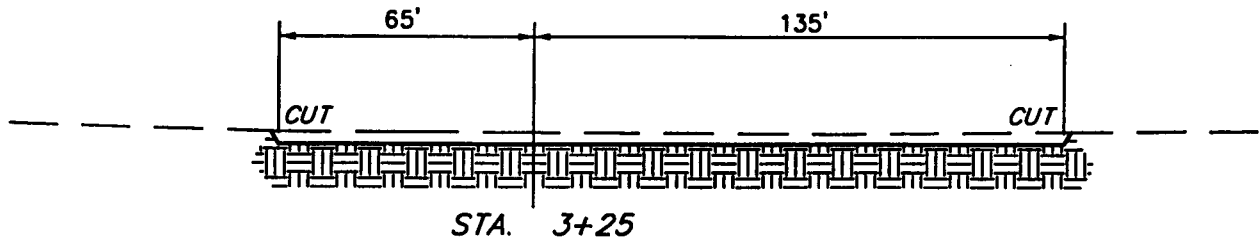
EOG RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

NORTH DUCK CREEK #247-28
SECTION 28, T8S, R21E, S.L.B.&M.
1990' FSL 2014' FEL

1" = 20'
X-Section
Scale
1" = 50'

DATE: 09-24-03
Drawn By: D.COX

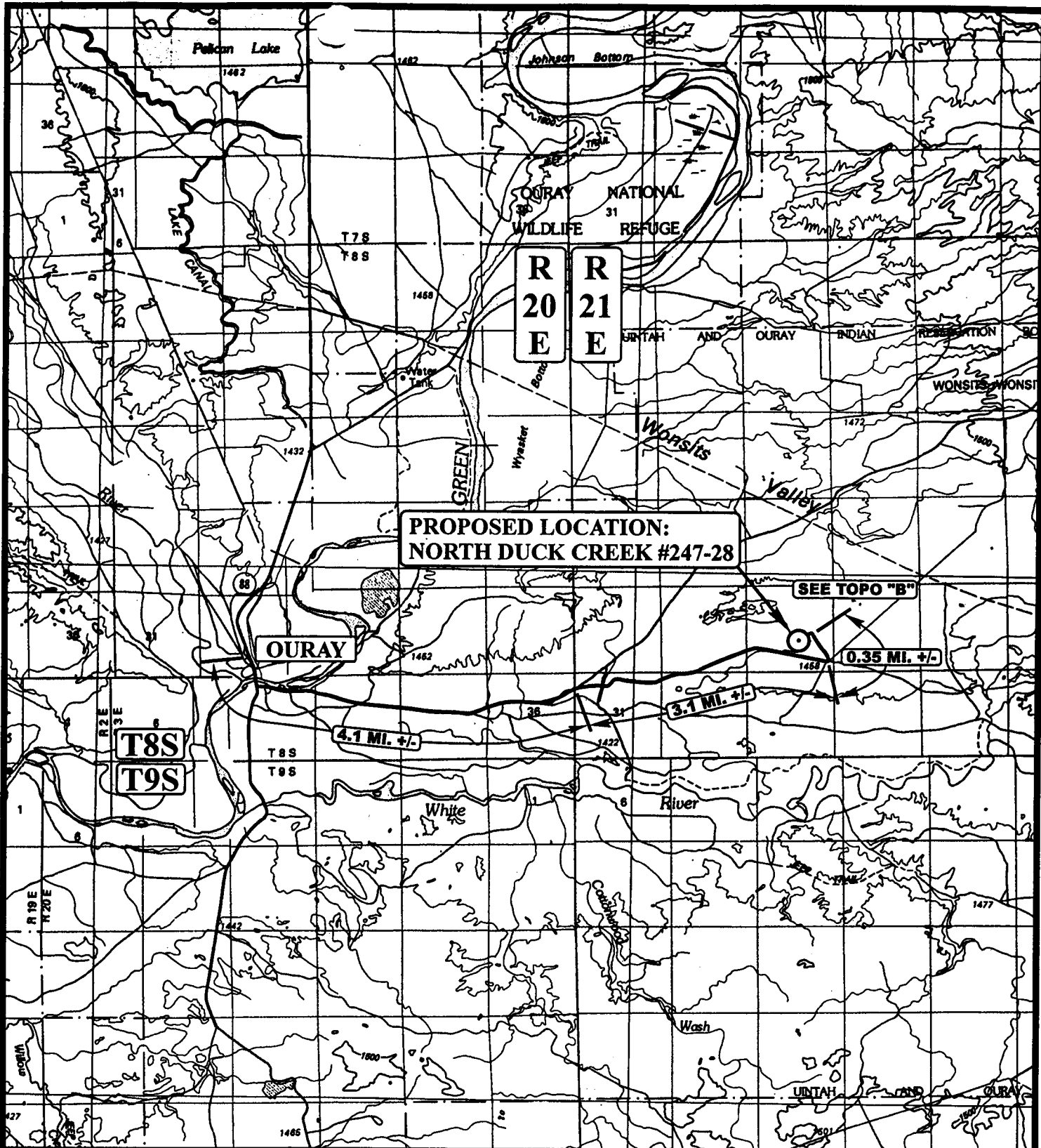


APPROXIMATE YARDAGES

(12") Topsoil Stripping = 2,860 Cu. Yds.
Remaining Location = 3,330 Cu. Yds.
TOTAL CUT = 6,190 CU.YDS.
FILL = 1,590 CU.YDS.

EXCESS MATERIAL AFTER
5% COMPACTION = 4,520 Cu. Yds.
Topsoil & Pit Backfill
(1/2 Pit Vol.) = 4,520 Cu. Yds.
EXCESS UNBALANCE
(After Rehabilitation) = 0 Cu. Yds.

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85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



LEGEND:

○ PROPOSED LOCATION

EOG RESOURCES, INC.

**NORTH DUCK CREEK #247-28
SECTION 28, T8S, R21E, S.L.B.&M.
1990' FSL 2014' FEL**

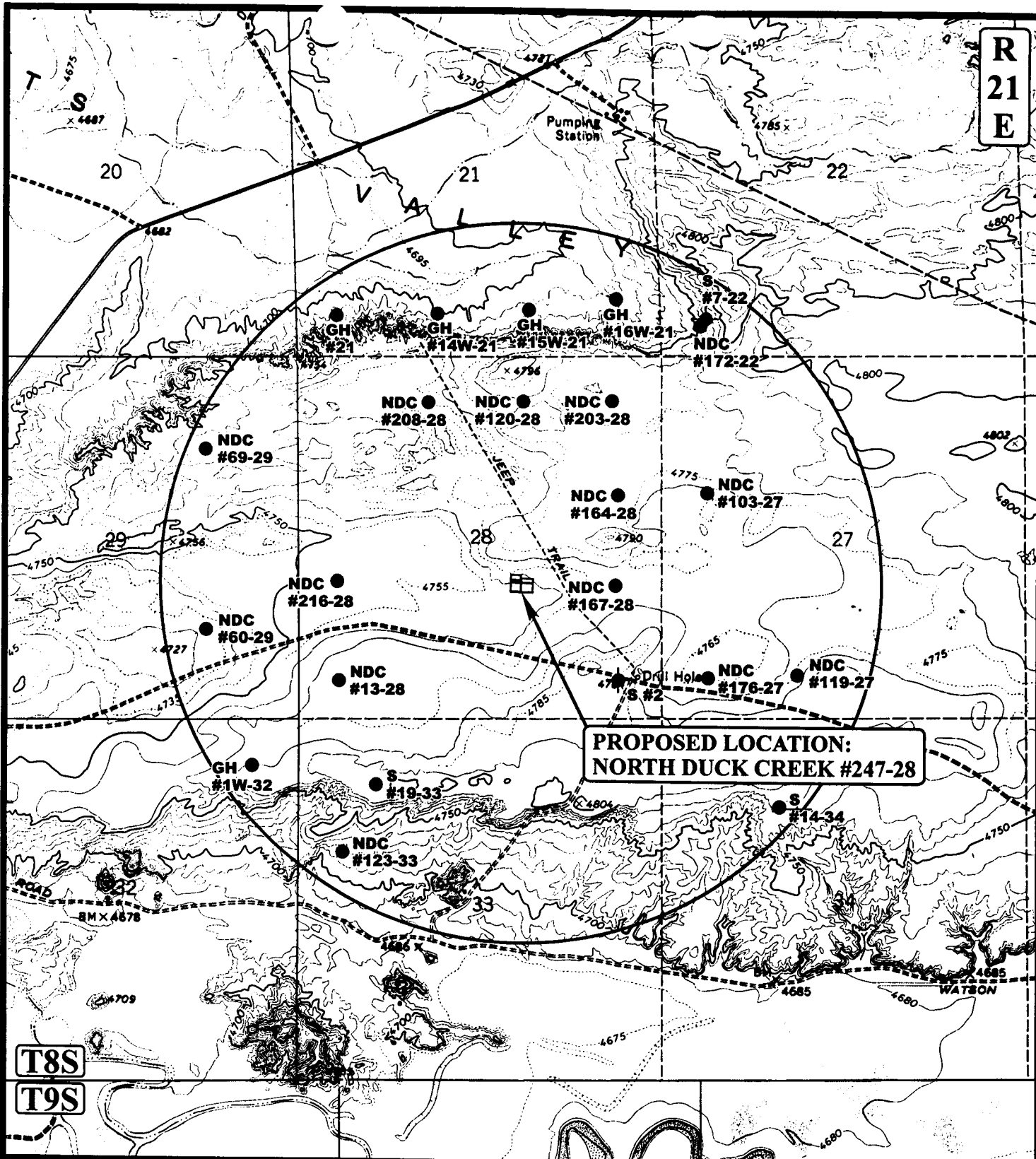


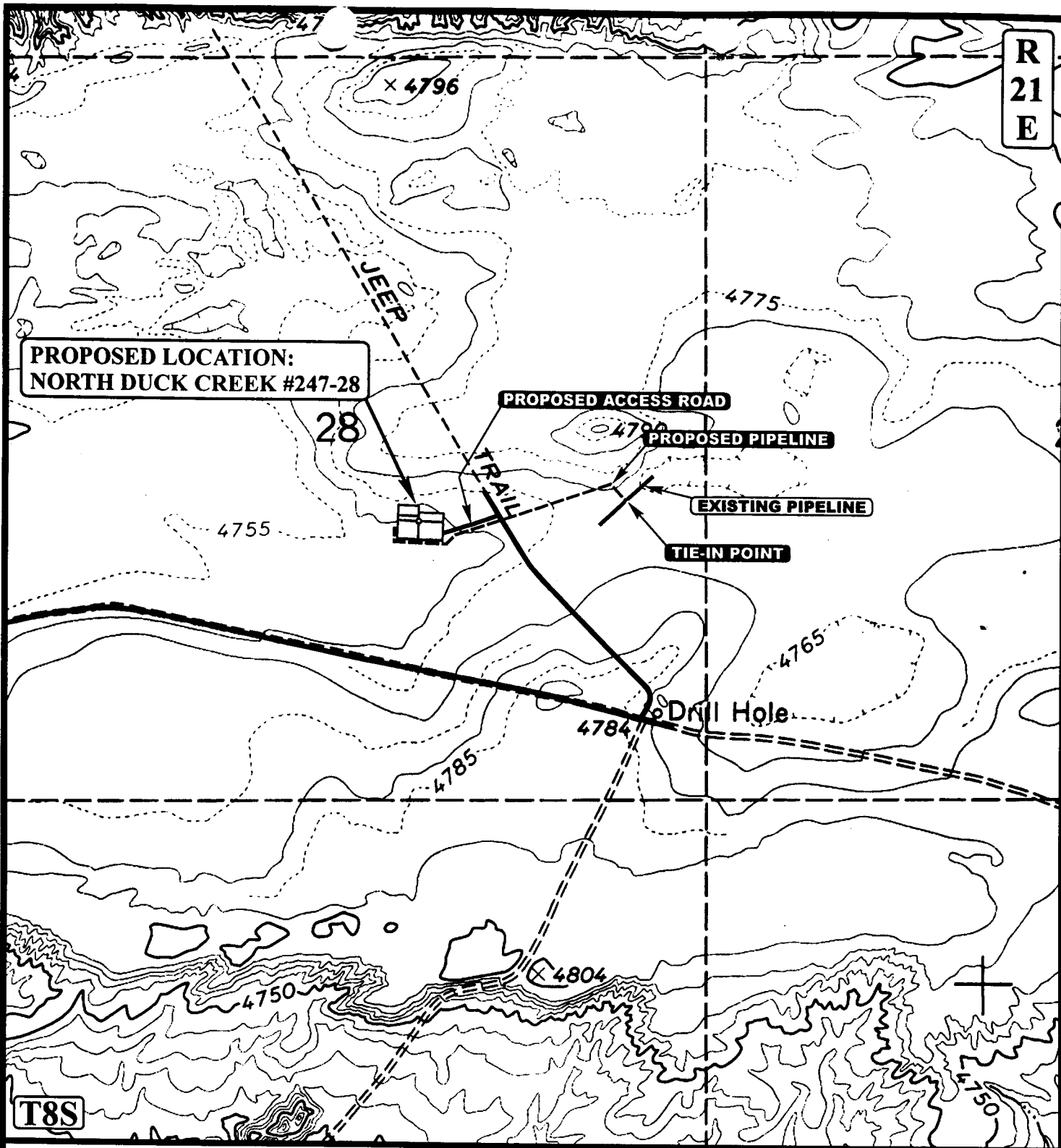
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC 10 08 03
MAP MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00







APPROXIMATE TOTAL PIPELINE DISTANCE = 1,975' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - EXISTING PIPELINE
- - - PROPOSED PIPELINE



EOG RESOURCES, INC.

**NORTH DUCK CREEK #247-28
SECTION 28, T8S, R21E, S.L.B.&M.
1990' FSL 2014' FEL**



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC 10 08 03
MAP MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00

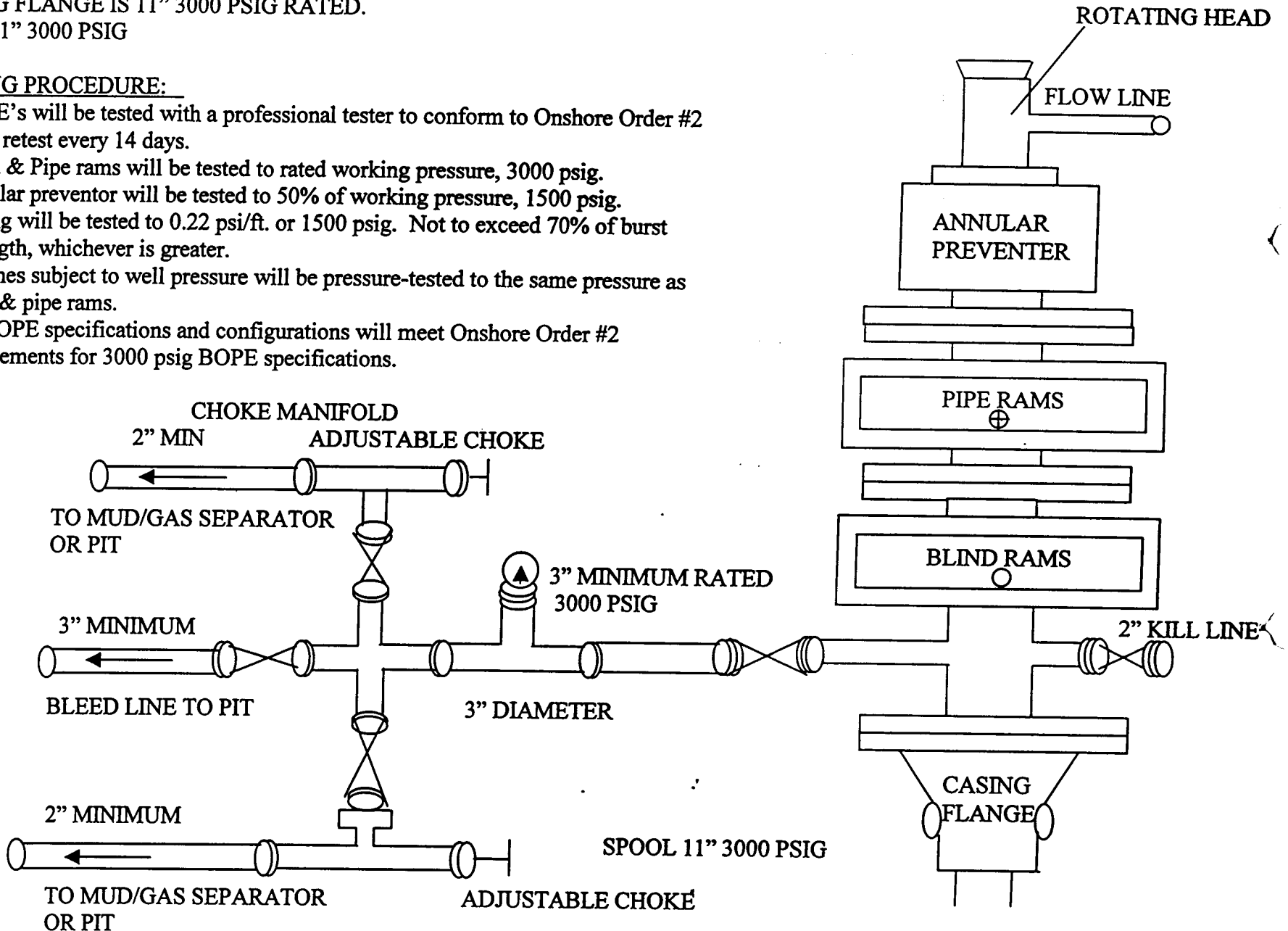
D
TOPO

3000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED.
CASING FLANGE IS 11" 3000 PSIG RATED.
BOPE 11" 3000 PSIG

TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig.
3. Annular preventor will be tested to 50% of working pressure, 1500 psig.
4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/09/2004

API NO. ASSIGNED: 43-047-35477

WELL NAME: NDC 247-28

OPERATOR: EOG RESOURCES INC (N9550)

CONTACT: ED TROTTER

PHONE NUMBER: 435-789-4120

PROPOSED LOCATION:

NWSE 28 080S 210E

SURFACE: 1990 FSL 2014 FEL

BOTTOM: 1990 FSL 2014 FEL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-0803

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSTC

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.09245

LONGITUDE: 109.55585

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
 (No. NM-2308)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
 (No. 49-1501)
☒ RDCC Review (Y/N)
 (Date:)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit

R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 173-14

Eff Date: 1-13-2005

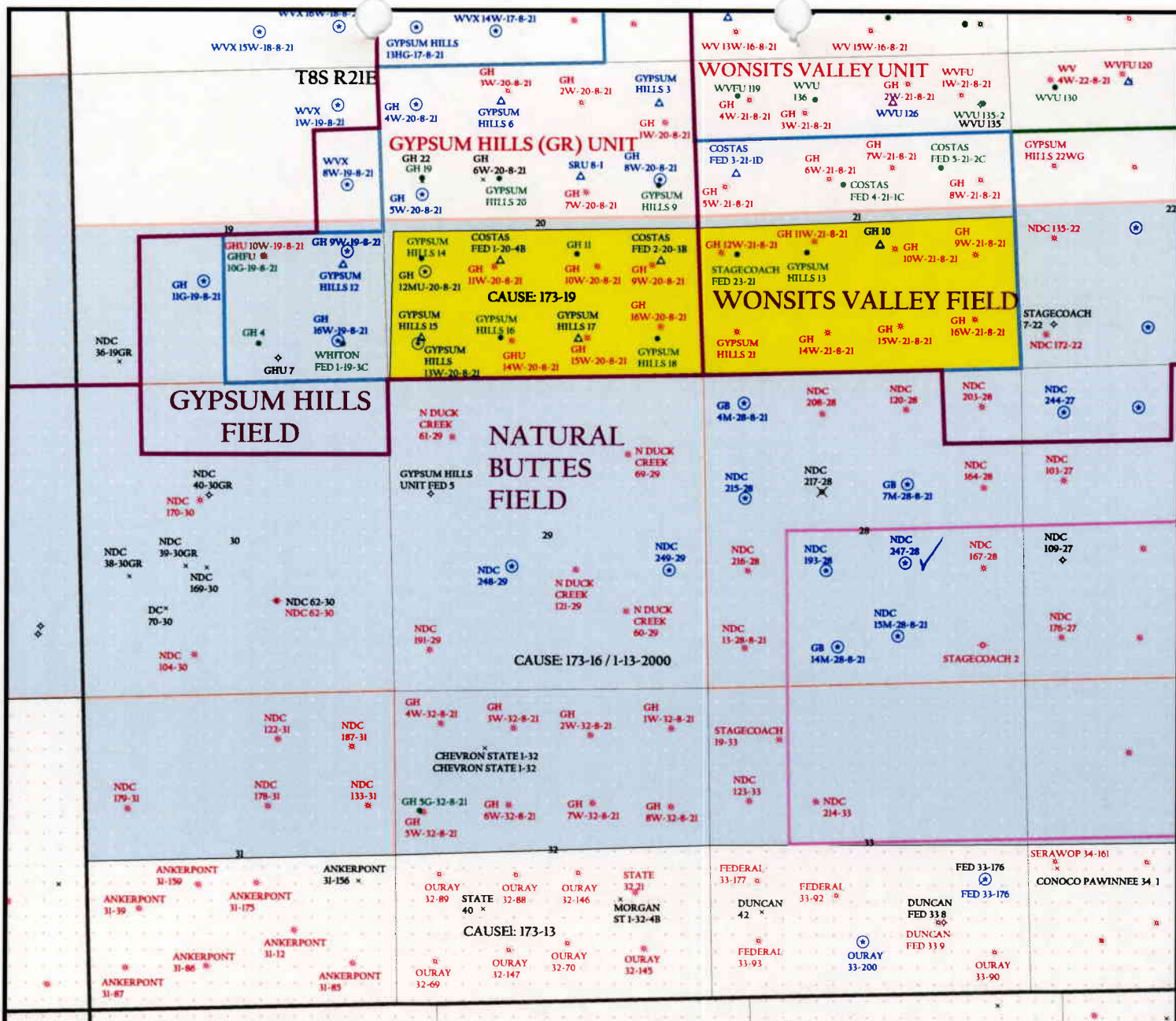
Siting: 460' fr drrl u boundary & 920' fr other wells.

R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approval



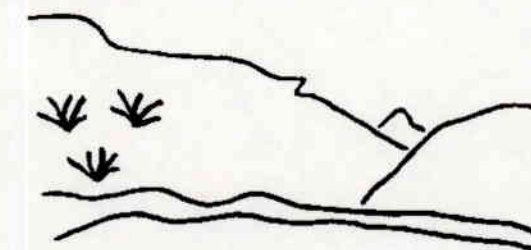
OPERATOR: EOG RESOURCES INC (N9550)

SEC. 28 T.8S, R.21E

FIELD: NATURAL BUTTES (630)

COUNTY: UTAH

CAUSE: I73-16 / I-13-2000



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 11-FEBRUARY-2004



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

February 12, 2004

EOG Resources, Inc.
P O Box 1815
Vernal, UT 84078

Re: North Duck Creek 247-28 Well, 1990' FSL, 2014' FEL, NW SE, Sec. 28,
T. 8 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35477.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: EOG Resources, Inc.
Well Name & Number North Duck Creek 247-28
API Number: 43-047-35477
Lease: U-0803

Location: NW SE **Sec.** 28 **T.** 8 South **R.** 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

005

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER FEB - 3 2004

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator
EOG RESOURCES, INC.

3a. Address P.O. BOX 1815
VERNAL, UT 84078

3b. Phone No. (Include area code)
(435)789-0790

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface 1990' FSL, 2014' FEL NW/SE
At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office*
7.65 MILES SOUTHEAST OF OURAY, UTAH

15. Distance from proposed*
location to nearest 1990'
property or lease line, ft.
(Also to nearest drig. Unit line, if any)

16. No. of Acres in lease
1280

17. Spacing Unit dedicated to this well

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. See Topo Map C

19. Proposed Depth
7550'

20. BLM/BIA Bond No. on file
NM-2308

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4757.3 FEET GRADED GROUND

22. Approximate date work will start*
UPON APPROVAL

23. Estimated duration
45 DAYS

24. Attachments

Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Name (Printed/Typed)
Ed Trotter

Date

2-2-2004

Title

Agent

Approved by (Signature)

Name (Printed/Typed)

Date

Title Assistant Field Manager
Mineral Resources

Office

DIV. OF OIL, GAS & MINING

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of Approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

40061M

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: EOG Resources Inc.
Well Name & Number: NORTH DUCK CREEK 247-28
API Number: 43-047-35477
Lease Number: UTU - 0803
Location: NWSE Sec. 28 TWN: 08S RNG: 21E
Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the Green River Formation, identified at 2,280 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.
All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office.

All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

EOG Resources, Inc. (EOG) will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current Tribal Business License and have updated "Access Permits" prior to construction. All EOG personnel, contractors and subcontractors will have these permits in their vehicles at all times. Companies that have not complied with this COA will be in violation of the Ute Tribal Business License Ordinance, and will be subject to fines and penalties.

EOG employees, representatives, and/or authorized personnel (subcontractors) shall not carry firearms on their person or in their vehicles while working on the Uintah and Ouray Indian Reservation.

EOG employees and/or authorized personnel (subcontractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.

EOG will notify the Ute Tribe and Bureau of Indian Affairs (BIA) in writing of any requested modification of APDs or Rights-Of Way (ROW). EOG shall receive written notification of authorization or denial of the requested modification. Without authorization, EOG will be subject to fines and penalties.

The Ute Tribe Energy & Minerals Department shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday. A Tribal Technician is to routinely monitor construction. EOG shall make arrangements with the Ute Energy & Minerals Department for all monitoring that will exceed regular working hours for Tribal Technicians. A qualified archaeologist accompanied by a Tribal Technician will monitor any trenching construction of the pipeline.

A ROW, 30 feet wide and 336 feet long, shall be granted by BIA for the new access road. A corridor ROW, 30 feet wide and 1428 feet long, shall be granted for the pipeline construction. The constructed, travel width of the access road will be limited to 18 feet. Upon authorization by the Ute Tribe Energy & Minerals Department, the ROW may be wider where sharp curves; deep cuts and fills occur; or, where intersections with other roads are required.

Culverts and diversion ditches will be placed and constructed where needed. Road base gravel will be used where sandy soils make roadways and the drilling location hazardous for access or drilling operations.

Upon completion of the pertinent APD and ROWs, EOG will notify the Ute Tribe Energy & Minerals Department for a Tribal Technician to verify the Affidavit of Completion.

Production waters, oil, and other byproducts shall not be placed on access roads or the well pad.

All vehicular traffic, personnel movement, construction and restoration operations will be confined to the areas examined and approved and to the existing roadways and/or evaluated access routes.

EOG will implement "Safety and Emergency Plan" and ensure plan compliance.

EOG shall stop construction activities and notify personnel from the Ute Tribe Energy & Minerals Department and BIA if cultural remains including paleontology resources (vertebrate fossils) are exposed or identified during construction. The Ute Tribe Department of Cultural Rights and Protection and the BIA will provide mitigation measures prior to allowing construction.

EOG employees and/or authorized personnel (subcontractors) will not be allowed to collect artifacts and paleontology fossils. No significant cultural resources shall be disturbed.

EOG will control noxious weeds on the well site and ROWs. EOG will be responsible for noxious weed control if weeds spread from the project area onto adjoining land.

Reserve pits will be lined with an impervious synthetic liner. A fence will be constructed around the reserve pit until it is backfilled. Prior to backfilling the reserve pit, all fluids will be pumped from the pit into trucks and hauled, to approved disposal sites. When the reserve pits are backfilled, the surplus oil and mud, etc., will be buried a minimum of 3 feet below the surface of the soil.

A closed system will be used during production. This means that production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites.

Surface pipelines will be constructed to lay on the soil surface. The pipeline portion of the ROW will not be bladed or cleared of vegetation without authorization of the BIA. Surface pipelines shall be welded in place at well sites or on access roads. They shall be pulled into place and assembled with suitable equipment. Vehicles shall not use pipeline ROWs as access roads unless specifically authorized.

Buried pipelines shall be buried a minimum of 3 feet below the soil surface. After construction is completed the disturbed area shall be contoured to blend into the natural landscape and be reseeded between September 15 and November 1 of the year following construction with perennial vegetation seed mixture provided by the BIA or Ute Tribe.

Before the site is abandoned, EOG will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Soil erosion will be mitigated, by reseeding all disturbed areas.

006

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-08036. IF INDIAN, ALLOTTEE OR TRIBE NAME:
UTE INDIAN TRIBE

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
NORTH DUCK CREEK 247-289. API NUMBER:
430473547710. FIELD AND POOL, OR WILDCAT:
NATURAL BUTTES1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____2. NAME OF OPERATOR:
EOG RESOURCES, INC.3. ADDRESS OF OPERATOR:
P.O. BOX 1910 CITY VERNAL STATE UT ZIP 84078PHONE NUMBER:
(435) 789-4120

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1990' FSL, 2014' FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 28 8S 21E S

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ NOTICE OF INTENT
(Submit in Duplicate)
Approximate date work will start:☐ SUBSEQUENT REPORT
(Submit Original Form Only)
Date of work completion:☐ ACIDIZE☐ ALTER CASING☐ CASING REPAIR☐ CHANGE TO PREVIOUS PLANS☐ CHANGE TUBING☐ CHANGE WELL NAME☐ CHANGE WELL STATUS☐ COMMINGLE PRODUCING FORMATIONS☐ CONVERT WELL TYPE☐ DEEPEN☐ FRACTURE TREAT☐ NEW CONSTRUCTION☐ OPERATOR CHANGE☐ PLUG AND ABANDON☐ PLUG BACK☐ PRODUCTION (START/RESUME)☐ RECLAMATION OF WELL SITE☐ RECOMPLETE - DIFFERENT FORMATION☐ REPERFORATE CURRENT FORMATION☐ SIDETRACK TO REPAIR WELL☐ TEMPORARILY ABANDON☐ TUBING REPAIR☐ VENT OR FLARE☐ WATER DISPOSAL☐ WATER SHUT-OFF☒ OTHER: Extension Request

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EOG Resources, Inc. requests that the APD for the subject well be extended for one year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-07-05

By: [Signature]

RECEIVED

FEB 04 2005

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Ed Trotter

TITLE Agent

SIGNATURE [Signature]

DATE 2/2/2005

(This space for State use only)

COPY SENT TO OPERATOR

DATE: 02-07-05
BY: CHD

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304735477
Well Name: NORTH DUCK CREEK 247-28
Location: 1990' FSL, 2014' FEL, NWSE, SEC. 28, T8S, R21E
Company Permit Issued to: EOG RESOURCES, INC.
Date Original Permit Issued: 2/12/2004

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐



Signature

2/2/2005

Date

Title: Agent

Representing: EOG Resources, Inc.

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company: EOG RESOURCES INCWell Name: NDC 247-28Api No: 43-047-35477 Lease Type: FEDERALSection 28 Township 08S Range 21E County UINTAHDrilling Contractor PETE MARTIN'S RIG # BUCKET**SPUDDED:**Date 04/24/05Time 4:00 PMHow DRY**Drilling will Commence:** _____Reported by DALL COOKTelephone # 1-435-828-3630Date 04/25/2005 Signed CHD

008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: EOG RESOURCES, INC. Operator Account Number: N 9550
 Address: P.O. BOX 250
city BIG PINEY
state WY zip 83113 Phone Number: (307) 276-3331

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735485	NORTH DUCK CREEK 251-22		SWSE	22	8S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	14674	4/22/2005		4/28/05		
Comments: <u>MVRD</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735353	CHAPTA WELLS UNIT 860-32		SWNW	32	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	14675	4/24/2005		4/28/05		
Comments: <u>PRRU = MVRD</u>							

Well 3

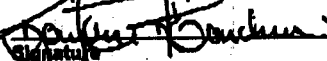
API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735477	NORTH DUCK CREEK 247-28		NWSE	28	8S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	14676	4/24/2005		4/28/05		
Comments: <u>WSTC</u>							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Kaylene R. Gardner

Name (Please Print)



Regulatory Assistant

4/25/2005

Title

Date

(5/2000)

RECEIVED**APR 25 2005**

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

009 Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
EOG RESOURCES, INC.3a. Address
P.O. BOX 250 Big Piney WY, 831133b. Phone No. (include area code)
307-276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1990 FSL 2014 FEL 40.09237 LAT 109.55588 LON
SECTION 28, T8S, R21E (NW/SE)5. Lease Serial No.
U-08036. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
NORTH DUCK CREEK 247-289. API Well No.
43-047-3547710. Field and Pool, or Exploratory Area
NATURAL BUTTES11. County or Parish, State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other WELL SPUD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. spud a 20" surface hole at the referenced location 4/24/2005 at 4:00 p.m. The contractor was Pete Martin's Bucket Rig. Dall Cook, representative for EOG, notified Ed Forsman of the Vernal BLM office and Carol Daniels of the Utah Division of Oil Gas and Mining of the spud 4/24/2005 @ 9:00 a.m.

EOG Resources, Inc. operates under Nationwide Bond #2308

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kaylene R. Gardner

Title Regulatory Assistant

Signature

Date

04/25/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

APR 2 / 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
U-08036. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
NORTH DUCK CREEK 247-289. API Well No.
43-047-3547710. Field and Pool, or Exploratory Area
NATURAL BUTTES11. County or Parish, State
UINTAH COUNTY, UT**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
EOG RESOURCES, INC.3a. Address
P.O. BOX 250 Big Piney WY, 831133b. Phone No. (include area code)
307-276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1990 FSL 2014 FEL 40.09237 LAT 109.55588 LON
SECTION 28, T8S, R21E (nW/SE)****12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

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EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

1. Natural Buttes Unit 21-20B SWD
2. Ace Disposal
3. RN Industries

EOG Resources, Inc. operates under Nationwide Bond #2308

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kaylene R. GardnerTitle **Regulatory Assistant**

Signature

Date

04/25/2005**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

APR 2 / 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **EOG RESOURCES, INC.**

3a. Address
P.O. BOX 250 Big Piney WY, 83113

3b. Phone No. (include area code)
307-276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1990 FSL 2014 FEL 40.09237 LAT 109.55588 LON
SECTION 28, T8S, R21E (NW/SE)**

5. Lease Serial No.
U-0803

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
NORTH DUCK CREEK 247-28

9. API Well No.
43-047-35477

10. Field and Pool, or Exploratory Area
NATURAL BUTTES

11. County or Parish, State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other DRILLING
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	OPERATIONS
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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No drilling activities have occurred since spud 4/24/2005

EOG Resources, Inc. operates under Nationwide Bond #2308

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kaylene R. Gardner

Title **Regulatory Assistant**

Signature

Date

04/29/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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(Instructions on page 2)

RECEIVED

MAY 04 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator **EOG RESOURCES, INC.**3a. Address
P.O. BOX 250 Big Piney WY, 831133b. Phone No. (include area code)
307-276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1990 FSL 2014 FEL 40.09237 LAT 109.55588 LON
SECTION 28, T8S, R21E (NW/SE)**5. Lease Serial No.
U-08036. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
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43-047-3547710. Field and Pool, or Exploratory Area
NATURAL BUTTES11. County or Parish, State
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TYPE OF SUBMISSION	TYPE OF ACTION			
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	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	OPERATIONS
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Please see the attached well chronology report for drilling operations from 4/29/2005 - 5/6/2005.

EOG Resources, Inc. operates under Nationwide Bond #2308

RECEIVED

MAY 09 2005

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)**Kaylene R. Gardner**Title **Regulatory Assistant**

Signature

Date

05/06/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

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(Instructions on page 2)

WELL CHRONOLOGY REPORT

Report Generated On: 05-06-2005

Well Name	NDC 247-28	Well Type	DEVG	Division	DENVER
Field	NORTH DUCK CREEK	API #	43-047-35477	Well Class	DRIL
County, State	UINTAH, UT	Spud Date		Class Date	
Tax Credit	N	TVD / MD	7,550/ 7,550	Property #	053288
Water Depth	0	Last CSG	9.625	Shoe TVD / MD	540/ 540
KB / GL Elev	4,775/ 4,757				
Location	Section 28, T8S, R21E, NWSE, 1990 FSL & 2014 FEL				

Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	50.0	NRI %	43.5

AFE No		AFE Total		DHC / CWC	
Rig Contr	PATTERSON	Rig Name	PATTERSON #779	Start Date	02-09-2004
				Release Date	

02-09-2004 Reported By

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$0	Completion	\$0	Well Total	\$0

MD 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0

Formation : **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
--------------	------------	------------	-----------------------------

06:00	06:00	24.0	LOCATION DATA
			1990' FSL & 2014' FEL (NW/SE)
			SECTION 28, T8S, R21E
			UINTAH COUNTY, UTAH

LAT 40.092367, LONG 109.555883

PATTERSON RIG #779
OBJECTIVE: TD 7550' BUCK CANYON (WASATCH)
DW/GAS
NORTH DUCK CREEK PROSPECT
DD&A FIELD: NATURAL BUTTES
NATURAL BUTTES FIELD

LEASE: U-0803

ELEVATION: 4757' NAT GL, 4757' PREP GL, 4775' KB (18')

EOG WI 50%, NRI 43.5%

05-06-2005 Reported By ED TROTTER

Daily Costs: Drilling	Completion	Daily Total
------------------------------	-------------------	--------------------

Cum Costs: Drilling			Completion			Well Total			\$		
MD	510	TVD	510	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTB : 0.0		Perf :		PKR Depth : 0.0					

Activity at Report Time: WORT

Start	End	Hrs	Activity Description
-------	-----	-----	----------------------

06:00	06:00	24.0	MIRU PETE MARTIN'S BUCKET RIG. SPUDDED 20" HOLE @ 10:00 AM, 4/22/05.
-------	-------	------	--

DRILLED 20" HOLE TO 45'. RAN 45' OF 13 3/8" 54# H-40 ST & C CONDUCTOR PIPE AND CEMENTED TO SURFACE.

MIRU BILL JR'S AIR RIG. DRILLED 12 1/4" HOLE TO 530'. RAN 12 JTS (521.80') OF 9-5/8", 36.0#/FT, J-55, ST&C CASING & LANDED @ 539.80' KB. RU BIG 4 CEMENTING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 20 BBLS WATER FLUSH & 20 BBLS GELLED WATER AHEAD OF CEMENT.

MIXED & PUMPED 225 SX OF PREMIUM CEMENT W/2% CACL2 & 1/4 #/SX FLOCELE. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX (47.2 BBLS). DISPLACED CEMENT W/36.8 BBLS WATER, SHUT-IN CASING VALVE. HAD 7 BBLS CEMENT RETURNS TO SURFACE. RD BIG 4. PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

DALL COOK NOTIFIED KIRK FLEETWOOD W/BLM & CAROL DANIELS W/UOGM OF SPUDDING WELL AT 9:00 AM, 4/24/05.

5-CENTRALIZERS: ON 1ST, 2ND & 3RD AND EVERY 3RD COLLARS.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
EOG RESOURCES, INC.3a. Address
P.O. BOX 250 Big Piney WY, 831133b. Phone No. (include area code)
307-276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1990 FSL 2014 FEL 40.09237 LAT 109.55588 LON
SECTION 28, T8S, R21E (NW/SE)

5. Lease Serial No.

U-0803

6. If Indian, Allottee or Tribe Name

UTE INDIAN TRIBE

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

NORTH DUCK CREEK 247-28

9. API Well No.

43-047-35477

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other COMPLETION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	OPERATIONS
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please see the attached well chronology report for completion operations from 5/6/2005 - 6/3/2005.

EOG Resources, Inc. operates under Nationwide Bond #2308

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kaylene R. Gardner

Title Regulatory Assistant

Signature

Date

06/03/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

JUN 0 / 2005

DIV. OF OIL, GAS & MINING

WELL CHRONOLOGY REPORT

Report Generated On: 06-03-2005

Well Name	NDC 247-28	Well Type	DEVG	Division	DENVER
Field	NORTH DUCK CREEK	API #	43-047-35477	Well Class	COMP
County, State	UINTAH, UT	Spud Date	05-10-2005	Class Date	
Tax Credit	N	TVD / MD	7,550/ 7,550	Property #	053288
Water Depth	0	Last CSG	4.5	Shoe TVD / MD	7,546/ 7,546
KB / GL Elev	4,775/ 4,757				
Location	Section 28, T8S, R21E, NWSE, 1990 FSL & 2014 FEL				

Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	50.0	NRI %	43.5

AFE No		AFE Total		DHC / CWC	
Rig Contr	PATTERSON	Rig Name	PATTERSON #779	Start Date	02-09-2004
				Release Date	05-16-2005
02-09-2004	Reported By				
Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$0	Completion	\$0	Well Total	\$0
MD	0	TVD	0	Progress	0
				Days	0
				MW	0.0
				Visc	0.0
Formation :	PBTD : 0.0		Perf :	PKR Depth : 0.0	

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA
			1990' FSL & 2014' FEL (NW/SE)
			SECTION 28, T8S, R21E
			UINTAH COUNTY, UTAH

LAT 40.092367, LONG 109.555883

PATTERSON RIG #779

OBJECTIVE: TD 7550' BUCK CANYON (WASATCH)

DW/GAS

NORTH DUCK CREEK PROSPECT

DD&A FIELD: NATURAL BUTTES

NATURAL BUTTES FIELD

LEASE: U-0803

ELEVATION: 4757' NAT GL, 4757' PREP GL, 4775' KB (18')

EOG WI 50%, NRI 43.5%

05-06-2005 **Reported By** ED TROTTER

Daily Costs: Drilling **Completion** **Daily Total**

Cum Costs: Drilling				Completion				Well Total			
MD	510	TVD	510	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		

Activity at Report Time: WORT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU PETE MARTIN'S BUCKET RIG. SPUDDED 20" HOLE @ 04:00 PM, 4/24/05.

DRILLED 20" HOLE TO 45'. RAN 45' OF 13 3/8" 54# H-40 ST & C CONDUCTOR PIPE AND CEMENTED TO SURFACE.

MIRU BILL JR'S AIR RIG. DRILLED 12 1/4" HOLE TO 530'. RAN 12 JTS (521.80') OF 9-5/8", 36.0#/FT, J-55, ST&C CASING & LANDED @ 539.80' KB. RU BIG 4 CEMENTING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 20 BBLs WATER FLUSH & 20 BBLs GELLED WATER AHEAD OF CEMENT.

MIXED & PUMPED 225 SX OF PREMIUM CEMENT W/2% CACL2 & 1/4 #/SX FLOCELE. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX (47.2 BBLs). DISPLACED CEMENT W/36.8 BBLs WATER, SHUT-IN CASING VALVE. HAD 7 BBLs CEMENT RETURNS TO SURFACE. RD BIG 4. PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

DALL COOK NOTIFIED KIRK FLEETWOOD W/BLM & CAROL DANIELS W/UOGM OF SPUDDING WELL AT 9:00 AM, 4/24/05.

5-CENTRALIZERS: ON 1ST, 2ND & 3RD AND EVERY 3RD COLLARS.

05-10-2005 Reported By DAN LUERS

DailyCosts: Drilling				Completion				Daily Total			
Cum Costs: Drilling				Completion				Well Total			
MD	510	TVD	510	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		

Activity at Report Time: TIH

Start	End	Hrs	Activity Description
06:00	10:00	4.0	MIRU. NOTIFIED BLM AND UTE TRIBE E&M DEPT. OF INTENTION TO SPUD 5/8/05 @ 10:00. TRANSFERED 5211 GAL. OF DIESEL FUEL FROM NDC 200-29 AT 2.01 \$/GAL.
10:00	12:00	2.0	NU BOP. DAYWORK START AT 22:00 ON 5/9/05.
12:00	03:30	15.5	PRESSURE TEST BOPE: PIPE AND BLIND RAMS, CHOKE AND KILL LINES AND VALVES, UPPER KELLY VALVE AND CHOKE MANIFOLD TO 3000 PSI/10 MIN. AND 250 PSI/5MIN. TESTED ANNULAR AT 2500PSI FOR 10 MIN AND 250 PSI/ 5 MIN. TESTED CASING TO 1500 PSI FOR 30 MIN.
03:30	04:30	1.0	PRE-SPUD SAFETY INSPECTION.
04:30	06:00	1.5	PU BIT, DOG SUB, MOTOR, 3PT REAMER AND COLLARS, TIH. SAFET MEETINGS: RIG UP, FORKLIFT SAFETY, NU BOPS.

05-11-2005 Reported By DAN LUERS

DailyCosts: Drilling				Completion				Daily Total			
Cum Costs: Drilling				Completion				Well Total			
MD	2,400	TVD	2,400	Progress	1,865	Days	1	MW	8.4	Visc	27.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:00	1.0	TIH. TAGGED CEMENT AT 435'.
07:00	08:00	1.0	DRILL CEMENT/FLOAT EQUIPMENT. FLOAT AT 495' KB.
08:00	09:00	1.0	RIG REPAIR, DRESSER SLEEVE ON FLOWLINE.
09:00	10:00	1.0	DRILLING 535' - 588'.
10:00	10:30	0.5	INSTALLED ROTATING HEAD RUBBER.
10:30	11:00	0.5	DRILLING 588' - 620'.
11:00	11:30	0.5	SURVEY AT 555', 1 DEG.
11:30	14:00	2.5	DRILLING 620' - 959', 339', 135 FPH, 78/40 RPM, 20K - 25K WOB, 200 PSI DP.
14:00	14:30	0.5	SERVICED RIG. FUNCTION TESTED ANNULAR.
14:30	15:30	1.0	DRILLING 959' - 1116'.
15:30	16:00	0.5	SURVEY AT 1051', 1/2 DEG.
16:00	20:00	4.0	DRILLING 1116' - 1615', 499', 124.7 FPH, 50/73 RPM, 25K WOB, 250 PSI DP.
20:00	20:30	0.5	SURVEY AT 1538', 3/4 DEG. NO FLOW. CHECKED CROWN-O-MATIC.
20:30	24:00	3.5	DRILLING 1615' - 2112', 497', 142 FPH, 50/73 RPM, 25K WOB, 250 PSI DP.
24:00	00:30	0.5	SURVEY AT 2035', 1/2 DEG. NO FLOW.
00:30	01:30	1.0	DRILLING 2112' - 2225', 113 FPH. GAS KICK AT 2225' UNLOADED HOLE. CLOSED ANNULAR OPEN CHOKE LINE.
01:30	04:00	2.5	CIRC OUT KICK W/FULL OPEN CHOKE. 20' - 30' FLARE. GOT RETURNS AFTER 30 BBLs, LOST 130 BBLs WHILE CIRCULATING ON CHOKE. FLARE DIED, CHECKED FLOW, 10 BBL/MIN FLOW THROUGH CHOKE. FLOW DOUBLED WHEN OPENED ANNULAR. CIRCULATED BU AGAIN, NO SIGNIFICANT GAS. SUSPECT HOLE GIVING BACK WATER LOST WHILE CIRCULATING. LET FLOW DEPLEAT TO ±8 BBL/MIN, OPENED ANNULAR STILL 8 BBL/MIN FLOW. RESUMED DRILLING.
04:00	06:00	2.0	DRILLING 2225' - 2400'. 175' AT 87.5 FPH.
			SAFETY MEETINGS: PINCH POINTS. MIXING MUD, MSDS, LIFTING TECHNIQUE.

SPUD 7-7/8" HOLE AT 9:00 AM, 5/10/2005

05-12-2005		Reported By		DAN LUERS	
Daily Costs: Drilling		Completion		Daily Total	
Cum Costs: Drilling		Completion		Well Total	
MD	4,260	TVD	4,260	Progress	1,860
				Days	2
				MW	8.4
				Visc	27.0
Formation :		PBTD : 0.0		Perf :	
				PKR Depth : 0.0	

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:30	1.5	REPAIR PASON, FLOW METER & DEPTH TRACKING.
07:30	10:00	2.5	DRILLING 2400' - 2609', 209', 83.6 FPH, 50/73 RPM, 23K WOB, 250 PSI DP.
10:00	10:30	0.5	SURVEY AT 2544', 1 DEG.
10:30	15:30	5.0	DRILLING 2609' - 3106', 497', 99.4 FPH, 50/73 RPM, 25K WOB, 300 PSI DP. START LIGHT MUD UP AT 3050'.
15:30	16:00	0.5	SURVEY AT 3041', 1 DEG.
16:00	18:30	2.5	DRILLING 3106' - 3355', 249', 99.6 FPH, MW 8.5, VISC 30.
18:30	19:00	0.5	SERVICED RIG. CHECKED CROWN-O-MATIC. BOP DRILL.
19:00	21:30	2.5	DRILLING 3355' - 3637', 282', 112.8 FPH, 50/73 RPM, 25KWOB, 300 PSI DP.

21:30	22:00	0.5 SURVEY AT 3560', 1.5 DEG.
22:00	04:30	6.5 DRILLING 3637' - 4167', 530', 81 FPH, 40/64 RPM, 22 - 28K WOB, 250 PSI DP.
04:30	05:00	0.5 SURVEY AT 4090', 1.75 DEG.
05:00	06:00	1.0 DRILLING 4167' - 4260', MW 8.7, VISC 31.

SAFETY MEETING: MAKING CONNECTIONS/CHANGING TONG DIES/FACE SHIELD/SURVEYS

05-13-2005 Reported By DAN LUERS

DailyCosts: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD	5,720	TVD	5,720	Progress	1,460	Days	3	MW	9.0	Visc	32.0
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Formation :

PBTB : 0.0

Perf :

PKR Depth : 0.0

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
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06:00	11:30	5.5	DRILLING 4260' - 4697', 437', 79.5 FPH, 40/64 RPM, 27K WOB, 300 PSI DP.
11:30	12:00	0.5	SURVEY AT 4632', 2 DEG.
12:00	18:00	6.0	DRILLING 4697' - 5071', 374', 62.3 FPH, 40/64 RPM, 22 - 25K WOB, 200 - 300 PSI DP.
18:00	18:30	0.5	SERVICED RIG.
18:30	20:30	2.0	DRILLING 5071' - 5197', 126', 63 FPH.
20:30	21:00	0.5	SURVEY AT 5114', 1.5 DEG.
21:00	05:00	8.0	DRILLING 5197' - 5692', 497', 61.8 FPH, 40/64 RPM, 20 - 25K WOB, 200 - 300 PSI DP.
05:00	05:30	0.5	SURVEY AT 5615', 1.75 DEG.
05:30	06:00	0.5	DRILLING 5692' - 5720'.

SAFETY MEETING: WEATHER CONDITIONS/INSPECT TONGS & SURVEY LINE

05-14-2005 Reported By DAN LUERS

DailyCosts: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD	6,161	TVD	6,161	Progress	441	Days	4	MW	9.0	Visc	32.0
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Formation :

PBTB : 0.0

Perf :

PKR Depth : 0.0

Activity at Report Time: TIH W/BIT #2

Start	End	Hrs	Activity Description
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06:00	12:00	6.0	DRILLING 5720' - 5935', 215', 35.8 FPH, 40/57 RPM 20K WOB, 150 - 200 PSI DP. LOST 300 PSI PUMP PRESSURE. PUMPED FLAG, NO INDICATION.
12:00	14:30	2.5	TOH. WET, FOR HOLE IN PIPE. FOUND HOLE 14 STANDS OUT. TIH.
14:30	17:30	3.0	DRILLING 5935' - 6034', 99', 33 FPH, 40/64 RPM, 20 - 28K WOB, 150 - 250 PSI DP.
17:30	18:00	0.5	SERVICED RIG.
18:00	21:00	3.0	DRILLING 6035' - 6161', 126', 42 FPH, P-RATE DOWN TO 20 FPH.
21:00	06:00	9.0	DROPPED SURVEY. PUMPED PILL. TOH FOR BIT. CHANGED BIT. TIH.

SAFETY MEETING: WET TRIP/PUMP PRESSURE

05-15-2005 Reported By DAN LUERS

DailyCosts: Drilling

Completion

Daily Total

Cum Costs: Drilling

Completion

Well Total

MD	7,260	TVD	7,260	Progress	1,099	Days	5	MW	9.4	Visc	33.0
Formation :	PBTD : 0.0			Perf :		PKR Depth : 0.0					
Activity at Report Time: DRILLING											

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILLING 6161' – 6497', 336', 48 FPH, 50/62 RPM, 27K WOB, 200 – 300 PSI DP.
13:00	13:30	0.5	SERVICED RIG. FUNCTION TESTED PIPE RAMS.
13:30	19:30	6.0	DRILLING 6497' – 6777', 280', 47 FPH, 40/62 RPM, 25K WOB, 250 PSI DP.
19:30	20:00	0.5	SURVEY AT 6700', 1 DEG. NO FLOW.
20:00	06:00	10.0	DRILLING 6777' – 7260', 483', 48 FPH.

SAFETY MEETING: PINCH POINTS/CONNECTIONS/WIRELINE SURVEYS

05-16-2005 **Reported By** **DAN LUERS**

Daily Costs: Drilling				Completion				Daily Total			
Cum Costs: Drilling				Completion				Well Total			
MD	7,560	TVD	7,560	Progress	300	Days	6	MW	9.5	Visc	33.0
Formation :				PBTD : 0.0				Perf : PKR Depth : 0.0			

Activity at Report Time: RUN PRODUCTION CASING

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILLING 7260' – 7560' TD, 300', 42.8 FPH, 50/64 RPM, 27K WOB, 200 – 350 PSI DP. REACHED TD AT 13:00 HRS, 5/15/05.
13:00	13:30	0.5	CIRCULATED FOR SHORT TRIP.
13:30	16:30	3.0	SHORT TRIP 30 STANDS TO 5675'. HOLE SLICK, NO FLOW.
16:30	17:00	0.5	CIRCULATED FOR LAYDOWN & CASING RUN.
17:00	12:30	19.5	TOH. LD DRILL PIPE & BHA.
12:30	01:30	13.0	PULLED WEAR BUSHING. RU CASING CREW.
01:30	06:00	4.5	RUN 4 1/2" PRODUCTION CASING.

SAFETY MEETING: PRE-JOB W/LAYDOWN & CASING CREWS

05-17-2005 **Reported By** **DAN LUERS**

Daily Costs: Drilling				Completion				Daily Total			
Cum Costs: Drilling				Completion				Well Total			
MD	7,560	TVD	7,560	Progress	0	Days	7	MW	9.5	Visc	33.0
Formation :			PBDT : 0.0			Perf :			PKR Depth : 0.0		

Activity at Report Time: WO COMPLETION

Start	End	Hrs	Activity Description
06:00	08:00	2.0	RUN 185 JOINTS OF 4 1/2", 11.6#, J-55, LTC PRODUCTION CASING. RAN CASING AS FOLLOWS FS, SHOE JT, FLOAT COLLAR, 69 JTS CASING, MJ AT 4721', 116 JTS CASING & HANGER JOINT. PICKED UP 2 ADDITIONAL JOINTS TO TAG PRIOR TO LANDING DTO LANDING JOINT. 8' DIFFERENCE IN HOLE/CASING TALLY DEPTH. HOLE VERY STICKY ON BOTTOM.
08:00	09:00	1.0	CIRCULATED GAS OUT. RD CASING CREW.
09:00	10:00	1.0	LANDED & TESTED DTO HEAD. HOSE FOR RETURNS TO PIT PLUGGED. LAID HARDLINE FOR RETURNS FROM 2" ON DTO HEAD FOR RETURNS.

10:00 13:00 3.0 CEMENTED CASING WITH 520 SX OF HILIFT W/12% D-20, 1% DO79, 0.25% D112, 0.2% DO46, 0.25 PPS DO29, 5%DO44 @ 11 PPG, 3.91 CFPS, 24.46 GPS. TAILED W/50/50 POZ/G W/2% DO20, 0.1% DO46, 0.2% DO65 AT 14.1 PPG, 1.29 CFPS, 5.96 GPS. DISPLACED W/116 BBLs OF FRESH WATER W/1 GPT CLATREAT. FINAL PUMPING PRESSURE OF 1300 PSI. BUMPED PLUG TO 2335 PSI, FLOATS HELD. GOOD CIRCULATION THROUGHOUT.

13:00 17:00 4.0 CLEANED MUD TANKS. ND FLARE LINES.

RIG RELEASED AT 17:00 HRS, 5/16/05.

06-01-2005 **Reported By** SEARLE

DailyCosts: Drilling				Completion				Daily Total			
Cum Costs: Drilling				Completion				Well Total			
MD	7,560	TVD	7,560	Progress	0	Days	8	MW	0.0	Visc	0.0
Formation : WASATCH			PBTD : 7524.0			Perf :			PKR Depth : 0.0		

Activity at Report Time: FRAC WASATCH

Start	End	Hrs	Activity Description
07:00	17:00	10.0	5/23/2005: RU SCHLUMBERGER. RAN RST/PBMS/CBL/VDL/CCL/GR FROM PBTD TO 950'. CEMENT TOP @ 1260'. RD SCHLUMBERGER.

5/31/2004: MIRU ROYAL WELL SERVICE. NU BOPE. RIH WITH 3 7/8" BIT & SCRAPER TO PBTD @ 7524'. DISPLACED HOLE W/TREATED WATER. TESTED CASING & BOPE TO 4500 PSIG. POH. SDFN.

06-02-2005 **Reported By** SEARLE

DailyCosts: Drilling				Completion				Daily Total			
Cum Costs: Drilling				Completion				Well Total			
MD	7,560	TVD	7,560	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation : WASATCH			PBTD : 7524.0			Perf : 6225-7355			PKR Depth : 0.0		

Activity at Report Time: DRILL OUT PLUGS

Start	End	Hrs	Activity Description
06:00	21:00	15.0	RU CUTTERS WIRELINE. PERFORATED Ba FROM 7348'-55' @ 3 SPF & 120° PHASING. RU SCHLUMBERGER. BREAKDOWN PERFS @ 4500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 7150'. PERFORATED Ca FROM 7048'-52' & 7097'-7101' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 836 GAL WF130 PRE-PAD, 1680 GAL YF130 PAD, 21,220 GAL YF130 & 123,273# 20/40 SAND @ 1-8 PPG. MTP 4624 PSIG. MTR 38.6 BPM. ATP 2297 PSIG. ATR 33.3 BPM. ISIP 1500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 6870'. PERFORATED Ca FROM 6821'-24' & 6826'-30' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 838 GAL WF130 PRE-PAD, 1680 GAL YF130 PAD, 11,062 GAL YF130 & 48,308# 20/40 SAND @ 1-8 PPG. MTP 3023 PSIG. MTR 28.4 BPM. ATP 2268 PSIG. ATR 26.3 BPM. ISIP 1450 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 6790'. PERFORATED Ca FROM 6678'-82', 6730'-32' & 6736'-38' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 834 GAL WF130 PRE-PAD, 1655 GAL YF130 PAD, 11,246 GAL YF130 & 47,970# 20/40 SAND @ 1-8 PPG. MTP 4263 PSIG. MTR 31.3 BPM. ATP 2793 PSIG. ATR 29.1 BPM. ISIP 1550 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 6305'. PERFORATED Tw FROM 6225'-28' & 6271'-75' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 836 GAL WF130 PRE-PAD, 1680 GAL YF130 PAD, 10,730 GAL YF130 & 44,752# 20/40 SAND @ 1-8 PPG. MTP 3773 PSIG. MTR 35.6 BPM. ATP2838 PSIG. ATR 30.3 BPM. ISIP 1850 PSIG. RD SCHLUMBERGER.

FLOWED 4 HRS & WELL DIED. RECOVERED 280 BLW. 1788 BLWTR. SDFN.

06-03-2005	Reported By	SEARLE									
Daily Costs: Drilling					Completion				Daily Total		
Cum Costs: Drilling					Completion				Well Total		
MD	7,560	TVD	7,560	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation : WASATCH		PBTD : 7524.0				Perf : 6225-7355			PKR Depth : 0.0		

Activity at Report Time: SWAB/FLOW TEST

Start	End	Hrs	Activity Description
07:00	17:00	10.0	SICP 200 PSIG. BLOW DOWN TO PIT. RIH WITH 3 7/8" BIT WITH PUMP OFF SUB. DRILL OUT PLUGS @ 6305', 6790', 6870' & 7150'. CLEAN OUT TO PBTD. LAND TUBING @ 7378' KB. ND BOPE & NU TREE. PUMP OFF BIT. RU SWAB. MADE 8 RUNS. IFL @ SURFACE. FFL 4000'. RECOVERED 32 BLW. 1756 BLWTR. CP O PSIG. NO GAS CUT FLUID. PULLING MODERATE SAND LAST 2 RUNS. SWIFN.

TUBING DETAIL

PUMP OFF SUB .90'
 1 JT 2 3/8" X 4.7# J55 TUBING 32.45'
 XN NIPPLE 1.10'
 226 JTS 2 3/8" X 4.7# J55 TUBING 7326.63'
 BELOW KB 17.00'
 LANDED @ KB 7378.08' KB

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator **EOG RESOURCES, INC.**3a. Address
P.O. BOX 250 Big Piney WY, 831133b. Phone No. (include area code)
307-276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1990 FSL 2014 FEL 40.09237 LAT 109.55588 LON
SECTION 28, T8S, R21E (NW/SE)**5. Lease Serial No.
U-08036. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
NORTH DUCK CREEK 247-289. API Well No.
43-047-3547710. Field and Pool, or Exploratory Area
NATURAL BUTTES11. County or Parish, State
UINTAH COUNTY, UT**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

INITIAL PRODUCTION: The referenced well was turned to sales at 11:10 a.m., 6/23/2005 through Questar meter # 6761 on a 10/64" choke. Opening pressure, FTP 2000 psig, CP 2100 psig.

EOG Resources, Inc. operates under Nationwide Bond #2308

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kaylene R. GardnerTitle **Regulatory Assistant**

Signature

Date

06/24/2005**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED
JUN 29 2005**

DIV. OF OIL & GAS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

5. Lease Serial No. U-0803									
6. If Indian, Allottee or Tribe Name UTE INDIAN TRIBE									
7. Unit or CA Agreement Name and No.									
8. Lease Name and Well No. NORTH DUCK CREEK 247-28									
1. a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other					9. AFI Well No. 43-047-35477				
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____					10. Field and Pool, or Exploratory NATURAL BUTTES/WASATC				
2. Name of Operator EOG RESOURCES, INC.					11. Sec., T., R., M., on Block and Survey or Area 28, T8S, R21E				
3. Address P.O. Box 250 Big Piney, WY 83113					12. County or Parish UINTAH 13. State UT				
3a. Phone No. (include area code) 307-276-3331					17. Elevations (DF, RKB, RT, GL)* 4775 KB				
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSE 1990 FSL 2014 FEL 40.09237 LAT 109.55588 LON At top prod. interval reported below SAME At total depth SAME					16. Date Completed 06/23/2005 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.				
14. Date Spudded 04/24/2005			15. Date T.D. Reached 05/15/2005						
18. Total Depth: MD 7560 TVD			19. Plug Back T.D.: MD 7524 TVD			20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RST/PBMS/CBL/VDL/CCL/GR						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4	9-5/8	36#	J-55	0-540		225			
7-7/8	4-1/2	11.6#	J-55	0-7546		1140			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-3/8	7378								
25. Producing Intervals					26. Perforation Record				
Formation			Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status
A) WASATCH					7348-7355			3/SPF	
B)					7048-7101			3/SPF	
C)					6821-6830			3/SPF	
D)					6678-6738			3/SPF	
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval			Amount and Type of Material						
7048-7101			565 BBLs GELLED WATER & 123,273 # 20/40 SAND						
6821-6830			323 BBLs GELLED WATER & 48,308 # 20/40 SAND						
6678-6738			327 BBLs GELLED WATER & 47,970 # 20/40 SAND						
6225-6275			315 BBLs GELLED WATER & 44,752 # 20/40 SAND						
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/23/2005	07/01/2005	24	→	10	779	6			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 1125	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	PRODUCING GAS WELL
12/64	1050			10	779	6			
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH				WASATCH CHAPITA WELLS BUCK CANYON	5797 6457 7144

32. Additional remarks (include plugging procedure):

SEE ATTACHED SHEET.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) **Kaylene R. Gardner**Title **Regulatory Assistant**

Signature

Date **07/19/2005**

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North Duck Creek 247-28- ADDITIONAL REMARKS (CONTINUED):

TURNED TO SALES THROUGH QUESTAR METER # 6761. One 300 bbl tank # 80605V is on location.

27. PERFORATION RECORD

6225-6275	w/3 SPF
-----------	---------

Perforated the Ba from 7348-55 w/3 SPF (Perf Only)

Perforated the Ca from 7048-52' & 7097-7101 w/3 SPF.

Perforated the Ca from 6821-24' & 6826-30'

Perforated the Ca from 6678-82', 6730-32' & 6736-38' w/3 SPF.

Perforated the Tw from 6225-28' & 6271-75' w/3 SPF.



EOG Resources, Inc.
600 Seventeenth Street
Suite 1100N
Denver, CO 80202
(303) 572-9000
Fax: (303) 824-5400

July 20, 2005

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, 84114-5801

43-047-35477
RE: North Duck Creek 247-28
T08S-R21E-Sec. 28
Uintah County, Utah

Carol:

Enclosed herewith are the following logs and data associated with the subject well:

North Duck Creek 247-28
Cement Bond Log SCMT-PBMS 05-23-05 (1)
Sigma Log RST-PBMS 05-23-05 (1)

Please contact me at 303-824-5572 if you have any questions.

Regards,

A handwritten signature in black ink, appearing to read "Cristal Messenger".

Cristal Messenger
EOG Resources, Inc.
Exploration & Operations Secretary
Denver Office

Enc. 2
cc: Well File

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JUL 26 2005
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
EOG Resources, Inc.

3a. Address
600 17th Street, Suite 1000N, Denver, CO 80202

3b. Phone No. (include area code)
303-824-5526

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1990' FSL & 2014' FEL (NW/SE)
Sec. 28-T8S-R21E 40.092367 LAT 109.555883 LON

5. Lease Serial No.
U-0803

6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
North Duck Creek 247-28

9. API Well No.
43-047-35477

10. Field and Pool, or Exploratory Area
Natural Buttes/Wasatch

11. County or Parish, State
Uintah County, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Pit reclamation
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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The reserve pit for the referenced location was closed on 5/22/2006 as per the APD procedure.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Mary A. Maestas

Title Regulatory Assistant

Signature

Mary A. Maestas

Date

01/09/2007

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JAN 10 2007

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